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REMARKS

The present response is intended to be fully responsive to all points of rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application is respectfully requested.

Claims 1-59 are pending in this case. Claims 1, 12, 24, 37-40, 50 and 54 are objected to. Claims 1-59 have been allowed. Independent claims 1, 24, 37-40 and dependent claims 12, 50, 54 have been amended.

Response to Claim Objections

The Examiner objected to claims 1, 12, 24, 37-40, 50 and 54 due to several informalities. Regarding claims 1, 24, 37-40, the Examiner indicated that there is no express term "said shaped pulse" refers back to. However, it is implied that the "first pulse shaping circuit" generates a shaped pulse. Appropriate correction has been made in accordance with the Examiner's recommendations.

Regarding claims 12 and 50, the Examiner indicated that the language "second pulse shaping means" is inconsistent with the term "a first pulse shaping circuit" used in claim 1. Appropriate correction has been made in accordance with the Examiner's recommendations.

Regarding claim 54, the Examiner indicated that the term "a LO signal" should be "said LO signal" since "a LO signal" is already recited in claim 40. Appropriate correction has been made in accordance with the Examiner's recommendations.

In light of Applicant's amendments, the Examiner is respectfully requested to withdraw the objections to the claims.

Correction of Typographical Errors

Amendments have been made to correct grammatical and usage errors in the specification. No new matter has been added to the application by these amendments.

Comments on Statement of Reasons for Allowance

Applicant expresses his appreciation for the allowance of the present application. Applicant notes the Examiner's reasons for allowance but further comments that the art of record, alone and in combination, fails to show, teach or suggest the entirety of each combination of steps and/or structure recited by each of the allowed claims of the present invention.

Conclusion

In view of the above amendments and remarks, it is respectfully submitted that independent claims 1, 24, 37-40 and hence dependent claims 2-23, 25-36, 41-59 are now in condition for allowance. Prompt notice of allowance is respectfully solicited.

In light of the Amendments and the arguments set forth above, Applicant earnestly believes that they are entitled to a letters patent, and respectively solicit the Examiner to expedite prosecution of this patent applications to issuance. Should the Examiner have any questions, the Examiner is encouraged to telephone the undersigned.

Customer Number: 25937

Respectfully submitted,

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